

This text is meant purely as a documentation tool and has no legal effect. The Union's institutions do not assume any liability for its contents. The authentic versions of the relevant acts, including their preambles, are those published in the Official Journal of the European Union and available in EUR-Lex. Those official texts are directly accessible through the links embedded in this document

► **B**

COMMISSION IMPLEMENTING DECISION (EU) 2022/2191

of 8 November 2022

on the harmonised standards for radio equipment drafted in support of Directive 2014/53/EU of the European Parliament and of the Council

(Text with EEA relevance)

(OJ L 289, 10.11.2022, p. 7)

Amended by:

Official Journal

	No	page	date
► <u>M1</u> Commission Implementing Decision (EU) 2023/2392 of 3 October 2023	L 2392	1	4.10.2023

**COMMISSION IMPLEMENTING DECISION (EU) 2022/2191****of 8 November 2022****on the harmonised standards for radio equipment drafted in support of Directive 2014/53/EU of the European Parliament and of the Council****(Text with EEA relevance)***Article 1*

The references to harmonised standards for radio equipment drafted in support of Directive 2014/53/EU, listed in Annex I to this Decision, are hereby published in the *Official Journal of the European Union*, subject to any limitations set out in that Annex for any of those harmonised standards.

The references of harmonised standards for radio equipment drafted in support of Directive 2014/53/EU, listed in Annex II to this Decision, are hereby published in the *Official Journal of the European Union*. Those references shall be deemed to have been published in the *Official Journal of the European Union* for the periods set out in that Annex.

Article 2

Implementing Decision (EU) 2020/167 is repealed.

Article 3

Communication 2018/C326/04 is repealed.

However, it shall continue to apply to the references of the harmonised standards listed in Annex III to this Decision until the dates of withdrawal of those references as set out in that Annex. Each of those references is withdrawn as of the date set out in that Annex for that reference.

Article 4

This Decision shall enter into force on the day following that of its publication in the *Official Journal of the European Union*.



ANNEX I

No	Reference of the standard
1.	EN 50360:2017 Product standard to demonstrate the compliance of wireless communication devices, with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz: devices used next to the ear
2.	EN 50385:2017 Product standard to demonstrate the compliance of base station equipment with radio-frequency electromagnetic field exposure limits (110 MHz – 100 GHz), when placed on the market
3.	EN 50401:2017 Product standard to demonstrate the compliance of base station equipment with radio-frequency electromagnetic field exposure limits (110 MHz – 100 GHz), when put into service
4.	EN 50566:2017 Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body
5.	EN 55035:2017 Electromagnetic compatibility of multimedia equipment – Immunity requirements CISPR 35:2016 (Modified)
6.	EN 300 065 V2.1.2 Narrow-band direct-printing telegraph equipment for receiving meteorological or navigational information (NAVTEX); Harmonised Standard covering the essential requirements of Article 3(2) and Article 3(3)(g) of Directive 2014/53/EU
7.	EN 300 086 V2.1.2 Land Mobile Service; Radio equipment with an internal or external RF connector intended primarily for analogue speech; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
8.	EN 300 113 V2.2.1 Land Mobile Service; Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
9.	EN 300 219 V2.1.1 Land Mobile Service; Radio equipment transmitting signals to initiate a specific response in the receiver; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
10.	EN 300 220-2 V3.1.1 Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU for non-specific radio equipment

▼ B

No	Reference of the standard
11.	EN 300 220-3-1 V2.1.1 Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 3-1: Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Low duty cycle high reliability equipment, social alarms equipment operating on designated frequencies (869,200 MHz to 869,250 MHz)
12.	EN 300 220-3-2 V1.1.1 Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 3-2: Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Wireless alarms operating in designated LDC/HR frequency bands 868,60 MHz to 868,70 MHz, 869,25 MHz to 869,40 MHz, 869,65 MHz to 869,70 MHz
13.	EN 300 220-4 V1.1.1 Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 4: Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Metering devices operating in designated band 169,400 MHz to 169,475 MHz
14.	EN 300 224 V2.1.1 Land Mobile Service; Radio Equipment for use in a Paging Service operating within the frequency range 25 MHz – 470 MHz; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
15.	EN 300 296 V2.1.1 Land Mobile Service; Radio equipment using integral antennas intended primarily for analogue speech; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
16.	EN 300 328 V2.2.2 Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
17.	EN 300 330 V2.1.1 Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
18.	EN 300 341 V2.1.1 Land Mobile Service; Radio equipment using an integral antenna transmitting signals to initiate a specific response in the receiver; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
19.	EN 300 390 V2.1.1 Land Mobile Service; Radio equipment intended for the transmission of data (and speech) and using an integral antenna; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
20.	EN 300 422-1 V2.2.1 Wireless Microphones; Audio PMSE up to 3 GHz; Part 1: Audio PMSE Equipment up to 3 GHz; Harmonised Standard for access to radio spectrum

▼B

No	Reference of the standard
21.	<p>EN 300 422-4 V2.1.1</p> <p>Wireless Microphones; Audio PMSE up to 3 GHz; Part 4: Assistive Listening Devices including personal sound amplifiers and inductive systems up to 3 GHz; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
22.	<p>EN 300 433 V2.1.1</p> <p>Citizens' Band (CB) radio equipment; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
23.	<p>EN 300 440 V2.1.1</p> <p>Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p> <p>Notice: This harmonised standard does not address, for receiver categories 2 and 3 as defined in Table 5 of this standard, the requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>
24.	<p>EN 300 454-2 V1.1.1</p> <p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Wide band audio links; Part 2: Harmonized EN under Article 3(2) of the R&TTE Directive</p> <p>Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>
25.	<p>EN 300 487 V2.1.2</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for Receive-Only Mobile Earth Stations (ROMES) providing data communications operating in the 1,5 GHz frequency band; Radio Frequency (RF) specifications covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
26.	<p>EN 300 674-2-1 V3.1.1</p> <p>Transport and Traffic Telematics (TTT); Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s/250 kbit/s) operating in the 5 795 MHz to 5 815 MHz frequency band; Part 2: Harmonised Standard for access to radio spectrum; Sub-part 1: Road Side Units (RSU)</p>
27.	<p>EN 300 674-2-2 V2.2.1</p> <p>Transport and Traffic Telematics (TTT); Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s/250 kbit/s) operating in the 5 795 MHz to 5 815 MHz frequency band; Part 2: Harmonised Standard for access to radio spectrum; Sub-part 2: On-Board Units (OBU)</p>
28.	<p>EN 300 676-2 V2.1.1</p> <p>Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation; Part 2: Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>

▼B

No	Reference of the standard
29.	<p>EN 300 698 V2.3.1</p> <p>Radio telephone transmitters and receivers for the maritime mobile service operating in the VHF bands used on inland waterways; Harmonised Standard for access to radio spectrum and for features for emergency services</p> <p>Notice: Compliance with this harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(2) of Directive 2014/53/EU if, in clause 8.2.3 of this harmonised standard, the sentence ‘With the output power switch set at maximum, the carrier power shall be within $\pm 1,5$ dB of the rated output power under normal test conditions’ is applied.</p>
30.	<p>EN 300 718-1 V2.2.1</p> <p>Avalanche Beacons operating at 457 kHz; Transmitter-receiver systems; Part 1: Harmonised Standard for access to radio spectrum</p> <p>Notice 1: Compliance with this harmonised standard shall not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU if the last sentence of clause 5.1.3.1 of this standard is applied.</p> <p>Notice 2: This harmonised standard does not confer a presumption of conformity as regards spurious response rejection.</p>
31.	<p>EN 300 718-2 V1.1.1</p> <p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Avalanche Beacons; Transmitter-receiver systems; Part 2: Harmonized EN covering essential requirements of Article 3(2) of the R&TTE Directive</p> <p>Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>
32.	<p>EN 300 718-2 V2.1.1</p> <p>Avalanche Beacons operating at 457 kHz; Transmitter-receiver systems; Part 2: Harmonised Standard for features for emergency services</p>
33.	<p>EN 300 720 V2.1.1</p> <p>Ultra-High Frequency (UHF) on-board vessels communications systems and equipment; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
34.	<p>EN 301 025 V2.3.1</p> <p>VHF radiotelephone equipment for general communications and associated equipment for Class ‘D’ Digital Selective Calling (DSC); Harmonised Standard for access to radio spectrum and for features for emergency services</p>
35.	<p>EN 301 091-2 V1.3.2</p> <p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Radar equipment operating in the 76 GHz to 77 GHz range; Part 2: Harmonized EN covering essential requirements of Article 3(2) of the R&TTE Directive</p> <p>Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>

▼ **B**

No	Reference of the standard
36.	EN 301 166 V2.1.1 Land Mobile Service; Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
37.	EN 301 178 V2.2.2 Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only); Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
38.	EN 301 357 V2.1.1 Cordless audio devices in the range 25 MHz to 2 000 MHz; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
39.	EN 301 360 V2.1.1 Satellite Earth Stations and Systems (SES); Harmonised Standard for Satellite Interactive Terminals (SIT) and Satellite User Terminals (SUT) transmitting towards satellites in geostationary orbit, operating in the 27,5 GHz to 29,5 GHz frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU
40.	EN 301 406 V2.2.2 Digital Enhanced Cordless Telecommunications (DECT); Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
41.	EN 301 426 V2.1.2 Satellite Earth Stations and Systems (SES); Harmonised Standard for Low data rate Land Mobile satellite Earth Stations (LMES) and Maritime Mobile satellite Earth Stations (MMES) not intended for distress and safety communications operating in the 1,5 GHz/1,6 GHz frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU
42.	EN 301 427 V2.1.1 Satellite Earth Stations and Systems (SES); Harmonised Standard for low data rate Mobile satellite Earth Stations (MES) except aeronautical mobile satellite earth stations, operating in the 11/12/14 GHz frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU
43.	EN 301 428 V2.1.2 Satellite Earth Stations and Systems (SES); Harmonised Standard for Very Small Aperture Terminal (VSAT); Transmit-only, transmit/receive or receive-only satellite earth stations operating in the 11/12/14 GHz frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU
44.	EN 301 430 V2.1.1 Satellite Earth Stations and Systems (SES); Harmonised Standard for Satellite News Gathering Transportable Earth Stations (SNG TES) operating in the 11 GHz to 12 GHz/13 GHz to 14 GHz frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU

▼B

No	Reference of the standard
45.	<p>EN 301 441 V2.1.1</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for Mobile Earth Stations (MES), including handheld earth stations, for Satellite Personal Communications Networks (S-PCN) operating in the 1,6 GHz/2,4 GHz frequency band under the Mobile Satellite Service (MSS) covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
46.	<p>EN 301 442 V2.1.1</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for NGSO Mobile Earth Stations (MES) including handheld earth stations, for Satellite Personal Communications Networks (S-PCN) operating in the 1 980 MHz to 2 010 MHz (earth-to-space) and 2 170 MHz to 2 200 MHz (space-to-earth) frequency bands under the Mobile Satellite Service (MSS) covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
47.	<p>EN 301 443 V2.1.1</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for Very Small Aperture Terminal (VSAT); Transmit-only, transmit-and-receive, receive-only satellite earth stations operating in the 4 GHz and 6 GHz frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
48.	<p>EN 301 444 V2.2.1</p> <p>Satellite Earth Stations and Systems (SES); Land Mobile Earth Stations (LMES) and Maritime Mobile Earth Stations (MMES) providing voice and/or data communications, operating in the 1,5 GHz and 1,6 GHz frequency bands; Harmonised Standard for access to radio spectrum</p> <p>Notice: Compliance with this harmonised standard shall not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU if any of the following is applied:</p> <ul style="list-style-type: none"> (a) the second paragraph of clause 5.2.1 of this standard; (b) clause 5.2.2.3.1 of this standard; (c) the first paragraph of clause 5.2.3 of this standard; (d) the first paragraph of clause 5.2.4 of this standard; (e) the first paragraph of clause 5.2.5 of this standard.
49.	<p>EN 301 447 V2.1.1</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for satellite Earth Stations on board Vessels (ESVs) operating in the 4/6 GHz frequency bands allocated to the Fixed Satellite Service (FSS) covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
50.	<p>EN 301 459 V2.1.1</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for Satellite Interactive Terminals (SIT) and Satellite User Terminals (SUT) transmitting towards satellites in geostationary orbit, operating in the 29,5 GHz to 30,0 GHz frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
51.	<p>EN 301 473 V2.1.2</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for Aircraft Earth Stations (AES) providing Aeronautical Mobile Satellite Service (AMSS)/Mobile Satellite Service (MSS) and/or the Aeronautical Mobile Satellite on Route Service (AMS(R)S)/Mobile Satellite Service (MSS), operating in the frequency band below 3 GHz covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>

▼B

No	Reference of the standard
52.	<p>EN 301 489-12 V3.2.1</p> <p>ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 12: Specific conditions for Very Small Aperture Terminal, Satellite Interactive Earth Stations operated in the frequency ranges between 4 GHz and 30 GHz in the Fixed Satellite Service (FSS); Harmonised Standard for ElectroMagnetic Compatibility</p> <p>Notice: Compliance with this harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(1), point (b), of Directive 2014/53/EU, if any tolerances for the set-up laid down in ETSI EN 301 489-1 (V2.2.3) (11-2019), which is cited in this harmonised standard as normative reference [1], are applied.</p>
53.	<p>EN 301 489-20 V2.2.1</p> <p>ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 20: Specific conditions for Mobile Earth Stations (MES) used in the Mobile Satellite Services (MSS); Harmonised Standard for ElectroMagnetic Compatibility</p> <p>Notice: Compliance with this harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(1), point (b), of Directive 2014/53/EU, if any tolerances for the set-up laid down in ETSI EN 301 489-1 (V2.2.3) (11-2019), which is cited in this harmonised standard as normative reference [1], are applied.</p>
54.	<p>EN 301 489-52 V1.2.1</p> <p>ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication User Equipment (UE) radio and ancillary equipment; Harmonised Standard for ElectroMagnetic Compatibility</p> <p>Notice: Compliance with this harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(1), point (b), of Directive 2014/53/EU, if any tolerances for the set-up laid down in ETSI EN 301 489-1 (V2.2.3) (11-2019), which is cited in this harmonised standard as normative reference [1], are applied.</p>
55.	<p>EN 301 502 V12.5.2</p> <p>Global System for Mobile communications (GSM); Base Station (BS) equipment; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
56.	<p>EN 301 511 V12.5.1</p> <p>Global System for Mobile communications (GSM); Mobile Stations (MS) equipment; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
57.	<p>EN 301 559 V2.1.1</p> <p>Short Range Devices (SRD); Low Power Active Medical Implants (LP-AMI) and associated Peripherals (LP-AMI-P) operating in the frequency range 2 483,5 MHz to 2 500 MHz; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
58.	<p>EN 301 598 V1.1.1</p> <p>White Space Devices (WSD); Wireless Access Systems operating in the 470 MHz to 790 MHz TV broadcast band; Harmonized EN covering the essential requirements of Article 3(2) of the R&TTE Directive</p> <p>Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>

▼ B

No	Reference of the standard
59.	EN 301 681 V2.1.2 Satellite Earth Stations and Systems (SES); Harmonised Standard for Mobile Earth Stations (MES) of Geostationary mobile satellite systems, including handheld earth stations, for Satellite Personal Communications Networks (S-PCN) under the Mobile Satellite Service (MSS), operating in the 1,5 GHz and 1,6 GHz frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU
60.	EN 301 721 V2.1.1 Satellite Earth Stations and Systems (SES); Harmonised Standard for Mobile Earth Stations (MES) providing Low Bit Rate Data Communications (LBRDC) using Low Earth Orbiting (LEO) satellites operating below 1 GHz frequency band covering the essential requirements of Article 3(2) of Directive 2014/53/EU
61.	EN 301 783 V2.1.1 Commercially available amateur radio equipment; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
62.	EN 301 839 V2.1.1 Ultra Low Power Active Medical Implants (ULP-AMI) and associated Peripherals (ULP-AMI-P) operating in the frequency range 402 MHz to 405 MHz; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
63.	EN 301 841-3 V2.1.1 VHF air-ground Digital Link (VDL) Mode 2; Technical characteristics and methods of measurement for ground-based equipment; Part 3: Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
64.	EN 301 842-5 V2.1.1 VHF air-ground Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for ground-based equipment; Part 5: Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
65.	EN 301 893 V2.1.1 5 GHz RLAN; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
66.	EN 301 908-1 V15.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements Release 15 Notice: Compliance with this harmonised standard shall not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU if note 3 of clause 5.3.2.1 of this standard is applied.
▼ M1	66a. EN 301 908-1 V15.2.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements; Release 15

▼ **B**

No	Reference of the standard
67.	EN 301 908-10 V4.3.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 10: Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks
68.	EN 301 908-11 V11.1.2 IMT cellular networks; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 11: CDMA Direct Spread (UTRA FDD) Repeaters
69.	EN 301 908-12 V7.1.1 IMT cellular networks; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 12: CDMA Multi-Carrier (cdma2000) Repeaters
70.	EN 301 908-13 V13.2.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE) Notice: Compliance with this harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(2) of Directive 2014/53/EU if, by applying clause 4.2.2 of this harmonised standard, tolerances greater than 2 dB are applied.
71.	EN 301 908-14 V15.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS) Release 15
72.	EN 301 908-15 V15.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 15: Evolved Universal Terrestrial Radio Access (E-UTRA FDD) Repeaters
73.	EN 301 908-18 V15.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS) Release 15
74.	EN 301 908-19 V6.3.1 IMT cellular networks; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 19: OFDMA TDD WMAN (Mobile WiMAX™) TDD User Equipment (UE)
75.	EN 301 908-2 V13.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)
76.	EN 301 908-20 V6.3.1 IMT cellular networks; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 20: OFDMA TDD WMAN (Mobile WiMAX™) TDD Base Stations (BS)
77.	EN 301 908-21 V6.1.1 IMT cellular networks; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 21: OFDMA TDD WMAN (Mobile WiMAX™) FDD User Equipment (UE)

▼B

No	Reference of the standard
78.	EN 301 908-22 V6.1.1 IMT cellular networks; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 22: OFDMA TDD WMAN (Mobile WiMAX™) FDD Base Stations (BS)
79.	EN 301 908-3 V13.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)
80.	EN 301 929 V2.1.1 VHF transmitters and receivers as Coast Stations for GMDSS and other applications in the maritime mobile service; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
81.	EN 302 017 V2.1.1 Transmitting equipment for the Amplitude Modulated (AM) sound broadcasting service; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
82.	EN 302 018 V2.1.1 Transmitting equipment for the Frequency Modulated (FM) sound broadcasting service; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
83.	EN 302 054 V2.2.1 Meteorological Aids (Met Aids); Radiosondes to be used in the 400,15 MHz to 406 MHz frequency range with power levels ranging up to 200 mW; Harmonised Standard for access to radio spectrum
84.	EN 302 064-2 V1.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Wireless Video Links (WVL) operating in the 1,3 GHz to 50 GHz frequency band; Part 2: Harmonized EN under Article 3(2) of the R&TTE Directive Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.
85.	EN 302 065-1 V2.1.1 Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 1: Requirements for Generic UWB applications
86.	EN 302 065-2 V2.1.1 Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 2: Requirements for UWB location tracking
87.	EN 302 065-3 V2.1.1 Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 3: Requirements for UWB devices for ground based vehicular applications

▼ B

No	Reference of the standard
	<p>Notice: This harmonised standard does not set out technical specifications for ‘trigger-before-transmit techniques’. Commission Implementing Decision (EU) 2019/785⁽¹⁾, however, imposes, as of 16 November 2019, technical requirements to be used within the bands 3,8-4,2 GHz and 6-8,5 GHz for vehicular access systems using trigger-before-transmit. Therefore compliance with this harmonised standard does not ensure compliance with Decision (EU) 2019/785 and accordingly does not confer a presumption of conformity with those essential requirements set out in Article 3(2) of Directive 2014/53/EU which relate to ‘trigger-before-transmit techniques’.</p>
88.	<p>EN 302 065-4 V1.1.1</p> <p>Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 4: Material Sensing devices using UWB technology below 10,6 GHz</p>
89.	<p>EN 302 066 V2.2.1</p> <p>Short Range Devices (SRD); Ground- and Wall- Probing Radio determination (GPR/WPR) devices; Harmonised Standard for access to radio spectrum</p> <p>Notice: Compliance with this harmonised standard shall not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU if any of the following is applied:</p> <p>(a) in the ninth paragraph of clause 6.2.5 of this standard, the sentence ‘For the emission measurements, a combination of bicones and log periodic dipole array antennas (commonly termed ‘log periodics’) could also be used to cover the entire 30 MHz to 1 000 MHz band’;</p> <p>(b) the tenth paragraph of clause 6.2.5 of this standard;</p> <p>(c) the eleventh paragraph of clause 6.2.5 of this standard.</p>
90.	<p>EN 302 077-2 V1.1.1</p> <p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Transmitting equipment for the Terrestrial – Digital Audio Broadcasting (T-DAB) service; Part 2: Harmonized EN under Article 3(2) of the R&TTE Directive</p>
▼ M1	<p>90a. EN 302 077 V2.3.1</p> <p>Transmitting equipment for the Digital Audio Broadcasting (DAB) service; Harmonised Standard for access to radio spectrum</p>
▼ B	<p>91. EN 302 186 V2.1.1</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for satellite mobile Aircraft Earth Stations (AESS) operating in the 11/12/14 GHz frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>

⁽¹⁾ Commission Implementing Decision (EU) 2019/785 of 14 May 2019 on the harmonisation of radio spectrum for equipment using ultra-wideband technology in the Union and repealing Decision 2007/131/EC (OJ L 127, 16.5.2019, p. 23).

▼ B

No	Reference of the standard	
92.	<p>EN 302 194-2 V1.1.2</p> <p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Navigation radar used on inland waterways; Part 2: Harmonized EN covering essential requirements of Article 3(2) of the R&TTE Directive</p> <p>Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>	
93.	<p>EN 302 195 V2.1.1</p> <p>Short Range Devices (SRD); Ultra Low Power Active Medical Implants (ULP-AMI) and accessories (ULP-AMI-P) operating in the frequency range 9 kHz to 315 kHz Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>	
94.	<p>EN 302 208 V3.3.1</p> <p>Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W; Harmonised Standard for access to radio spectrum</p> <p>Notice: For the purposes of presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU, in Table 2 of this harmonised standard, the limit '692 MHz' is replaced by the following: '694 MHz'.</p>	
95.	<p>EN 302 217-2 V3.3.1</p> <p>Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2: Digital systems operating in frequency bands from 1 GHz to 86 GHz; Harmonised Standard for access to radio spectrum</p>	
96.	<p>EN 302 245-2 V1.1.1</p> <p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Transmitting equipment for the Digital Radio Mondiale (DRM) broadcasting service Part 2: Harmonized EN under Article 3(2) of the R&TTE Directive</p>	
▼ M1	96a.	<p>EN 302 245 V2.2.1</p> <p>Transmitting equipment for the Digital Radio Mondiale (DRM) service; Harmonised Standard for access to radio spectrum</p>
	▼ B	97.
98.		<p>EN 302 264-2 V1.1.1</p> <p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short Range Radar equipment operating in the 77 GHz to 81 GHz band; Part 2: Harmonized EN covering the essential requirements of Article 3(2) of the R&TTE Directive</p> <p>Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>

▼B

No	Reference of the standard
99.	<p>EN 302 288-2 V1.6.1</p> <p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short range radar equipment operating in the 24 GHz range; Part 2: Harmonized EN covering the essential requirements of Article 3(2) of the R&TTE Directive</p> <p>Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>
100.	<p>EN 302 296 V2.2.1</p> <p>Digital Terrestrial TV Transmitters; Harmonised Standard for access to radio spectrum</p> <p>Notice: Compliance with this harmonised standard shall not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU if a coupling device is used within the test arrangement laid down in clause 5.4.2.5 of this standard.</p>
101.	<p>EN 302 326-2 V1.2.2</p> <p>Fixed Radio Systems; Multipoint Equipment and Antennas; Part 2: Harmonized EN covering the essential requirements of Article 3(2) of the R&TTE Directive for Digital Multipoint Radio Equipment</p>
102.	<p>EN 302 340 V2.1.1</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for satellite Earth Stations on board Vessels (ESVs) operating in the 11/12/14 GHz frequency bands allocated to the Fixed Satellite Service (FSS) covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
103.	<p>EN 302 372 V2.1.1</p> <p>Short Range Devices (SRD); Tank Level Probing Radar (TLPR) equipment operating in the frequency ranges 4,5 GHz to 7 GHz, 8,5 GHz to 10,6 GHz, 24,05 GHz to 27 GHz, 57 GHz to 64 GHz, 75 GHz to 85 GHz; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
104.	<p>EN 302 448 V2.1.1</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for tracking Earth Stations on Trains (ESTs) operating in the 14/12 GHz frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
105.	<p>EN 302 454 V2.2.1</p> <p>Meteorological Aids (Met Aids); Radiosondes to be used in the 1 668,4 MHz to 1 690 MHz frequency range; Harmonised Standard for access to radio spectrum</p>
106.	<p>EN 302 480 V2.2.1</p> <p>Mobile Communication On Board Aircraft (MCOBA) systems; Harmonised Standard for access to radio spectrum</p>
107.	<p>EN 302 502 V2.1.1</p> <p>Wireless Access Systems (WAS); 5,8 GHz fixed broadband data transmitting systems; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>

▼ B

No	Reference of the standard
108.	<p>EN 302 510-2 V1.1.1</p> <p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio equipment in the frequency range 30 MHz to 37,5 MHz for Ultra Low Power Active Medical Membrane Implants and Accessories; Part 2: Harmonized EN covering essential requirements of Article 3(2) of the R&TTE Directive</p> <p>Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>
109.	<p>EN 302 536-2 V1.1.1</p> <p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment in the frequency range 315 kHz to 600 kHz; Part 2: Harmonized EN covering essential requirements of Article 3(2) of the R&TTE Directive</p> <p>Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>
110.	<p>EN 302 537 V2.1.1</p> <p>Ultra Low Power Medical Data Service (MEDS) Systems operating in the frequency range 401 MHz to 402 MHz and 405 MHz to 406 MHz; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
111.	<p>EN 302 561 V2.1.1</p> <p>Land Mobile Service; Radio equipment using constant or non-constant envelope modulation operating in a channel bandwidth of 25 kHz, 50 kHz, 100 kHz or 150 kHz; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
112.	<p>EN 302 567 V2.2.1</p> <p>Multiple-Gigabit/s radio equipment operating in the 60 GHz band; Harmonised Standard for access to radio spectrum</p>
113.	<p>EN 302 571 V2.1.1</p> <p>Intelligent Transport Systems (ITS); Radiocommunications equipment operating in the 5 855 MHz to 5 925 MHz frequency band; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
114.	<p>EN 302 574-1 V2.1.2</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for Mobile Earth Stations (MES) operating in the 1 980 MHz to 2 010 MHz (earth-to-space) and 2 170 MHz to 2 200 MHz (space-to-earth) frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 1: Complementary Ground Component (CGC) for wideband systems</p>
115.	<p>EN 302 574-2 V2.1.2</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for Mobile Earth Stations (MES) operating in the 1 980 MHz to 2 010 MHz (earth-to-space) and 2 170 MHz to 2 200 MHz (space-to-earth) frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 2: User Equipment (UE) for wideband systems</p>
116.	<p>EN 302 574-3 V2.1.1</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for Mobile Earth Stations (MES) operating in the 1 980 MHz to 2 010 MHz (earth-to-space) and 2 170 MHz to 2 200 MHz (space-to-earth) frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 3: User Equipment (UE) for narrowband systems</p>

▼B

No	Reference of the standard
117.	<p>EN 302 608 V1.1.1</p> <p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment for Eurobalise railway systems; Harmonized EN covering the essential requirements of Article 3(2) of the R&TTE Directive</p> <p>Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>
118.	<p>EN 302 609 V2.2.1</p> <p>Short Range Devices (SRD); Radio equipment for Euroloop communication systems; Harmonised Standard for access to radio spectrum</p> <p>Notice: For the purposes of presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU: —in the second row of Table 3 of this harmonised standard, the limit ‘29 090 MHz’ shall be read as ‘27 090 MHz’; —in the third row of Table 3 of this harmonised standard, the limit ‘29 100 MHz’, shall be read as ‘27 100 MHz’.</p>
119.	<p>EN 302 617 V2.3.1</p> <p>Ground-based UHF radio transmitters, receivers and transceivers for the UHF aeronautical mobile service using amplitude modulation; Harmonised Standard for access to radio spectrum</p>
120.	<p>EN 302 686 V1.1.1</p> <p>Intelligent Transport Systems (ITS); Radiocommunications equipment operating in the 63 GHz to 64 GHz frequency band; Harmonized EN covering the essential requirements of Article 3(2) of the R&TTE Directive</p> <p>Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>
121.	<p>EN 302 729 V2.1.1</p> <p>Short Range Devices (SRD); Level Probing Radar (LPR) equipment operating in the frequency ranges 6 GHz to 8,5 GHz, 24,05 GHz to 26,5 GHz, 57 GHz to 64 GHz, 75 GHz to 85 GHz; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
122.	<p>EN 302 858-2 V1.3.1</p> <p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Automotive radar equipment operating in the 24,05 GHz up to 24,25 GHz or 24,50 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of Article 3(2) of the R&TTE Directive</p> <p>Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>
123.	<p>EN 302 885 V2.2.3</p> <p>Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class H DSC; Harmonised Standard covering the essential requirements of Article 3(2) and Article 3(3)(g) of Directive 2014/53/EU</p>
124.	<p>EN 302 961 V2.1.2</p> <p>Maritime Personal Homing Beacon intended for use on the frequency 121,5 MHz for search and rescue purposes only; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>

▼B

No	Reference of the standard
125.	EN 302 977 V2.1.1 Satellite Earth Stations and Systems (SES); Harmonised Standard for Vehicle-Mounted Earth Stations (VMES) operating in the 14/12 GHz frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU
126.	EN 303 039 V2.1.2 Land Mobile Service; Multichannel transmitter specification for the PMR Service; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
127.	EN 303 084 V2.1.1 Ground Based Augmentation System (GBAS) VHF ground-air Data Broadcast (VDB); Technical characteristics and methods of measurement for ground-based equipment; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
128.	EN 303 098 V2.2.1 Maritime low power personal locating devices employing AIS; Harmonised Standard for access to radio spectrum
129.	EN 303 132 V1.1.1 Maritime low power VHF personal locating beacons employing Digital Selective Calling (DSC); Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
▼M1	129a. EN 303 132 V2.1.1 Maritime VHF survivor locating devices employing Digital Selective Calling (DSC Class M); Harmonised Standard for access to radio spectrum and for features for emergency services
▼B	130. EN 303 135 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Coastal Surveillance, Vessel Traffic Services and Harbour Radars (CS/VTS/HR); Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
131.	EN 303 203 V2.1.1 Short Range Devices (SRD); Medical Body Area Network Systems (MBANSs) operating in the 2 483,5 MHz to 2 500 MHz range; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
132.	EN 303 204 V3.1.1 Fixed Short Range Devices (SRD) in data networks; Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW e.r.p.; Harmonised Standard for access to the radio spectrum
133.	EN 303 213-5-1 V1.1.1 Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 5: Harmonised Standard for access to radio spectrum for Multilateration (MLAT) equipment; Sub-part 1: Receivers and Interrogators

▼**B**

No	Reference of the standard
134.	<p>EN 303 213-5-2 V1.1.1</p> <p>Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 5: Harmonised Standard for access to radio spectrum for Multilateration (MLAT) equipment; Sub-part 2: Reference and Vehicle Transmitters</p>
135.	<p>EN 303 213-6-1 V3.1.1</p> <p>Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 6: Harmonised Standard for access to radio spectrum for deployed surface movement radar sensors; Sub-part 1: X-band sensors using pulsed signals and transmitting power up to 100 kW</p> <p>Notice: As regards clause 4.2.1.5 of this harmonised standard, compliance of this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU to equipment not combining a 'WR112/R84 taper section and a WR90/R100 Waveguide' as in note 1 of Section 1 of this harmonised standard. The waveguide is requested to have a continuously unobstructed transmission path (unperturbed/pure) and a minimum length of 20 times the waveguide cut-off wavelength in that operational mode.</p>
136.	<p>EN 303 258 V1.1.1</p> <p>Wireless Industrial Applications (WIA); Equipment operating in the 5 725 MHz to 5 875 MHz frequency range with power levels ranging up to 400 mW; Harmonised Standard for access to radio spectrum</p> <p>Notice: Compliance with this harmonised standard shall not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU, in case that the appropriate test methods are not carried out in order to demonstrate compliance with clauses 4.2.8.2, 4.2.9.3 and 4.2.10.3 of this harmonised standard.</p>
137.	<p>EN 303 276 V1.2.1</p> <p>Maritime Broadband Radiolink operating within the bands 5 852 MHz to 5 872 MHz and/or 5 880 MHz to 5 900 MHz for ships and off-shore installations engaged in coordinated activities; Harmonised Standard for access to radio spectrum</p>
138.	<p>EN 303 340 V1.1.2</p> <p>Digital Terrestrial TV Broadcast Receivers; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
139.	<p>EN 303 345-2 V1.2.1</p> <p>Broadcast Sound Receivers; Part 2: AM broadcast sound service; Harmonised Standard for access to radio spectrum</p> <p>Notice: Compliance with this harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(2) of Directive 2014/53/EU, as regards unwanted emissions in the spurious domain, if by applying its clause 4.4.3 either discretionary tests are carried out or no tests are carried out, in order to measure the level of emissions in the spurious domain.</p>
140.	<p>EN 303 345-3 V1.1.1</p> <p>Broadcast Sound Receivers; Part 3: FM broadcast sound service; Harmonised Standard for access to radio spectrum</p> <p>Notice: Compliance with this harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(2) of Directive 2014/53/EU, as regards unwanted emissions in the spurious domain, if by applying its clause 4.4.3 either discretionary tests are carried out or no tests are carried out, in order to measure the level of emissions in the spurious domain.</p>

▼B

No	Reference of the standard
141.	<p>EN 303 345-4 V1.1.1</p> <p>Broadcast Sound Receivers; Part 4: DAB broadcast sound service; Harmonised Standard for access to radio spectrum</p> <p>Notice: Compliance with this harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(2) of Directive 2014/53/EU, as regards unwanted emissions in the spurious domain, if by applying its clause 4.4.3 either discretionary tests are carried out or no tests are carried out, in order to measure the level of emissions in the spurious domain.</p>
142.	<p>EN 303 345-5 V1.2.1</p> <p>Broadcast Sound Receivers; Part 5: DRM broadcast sound service; Harmonised Standard for access to radio spectrum</p> <p>Notice: Compliance with this harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(2) of Directive 2014/53/EU, as regards unwanted emissions in the spurious domain, if by applying its clause 4.4.3 either discretionary tests are carried out or no tests are carried out, in order to measure the level of emissions in the spurious domain.</p>
143.	<p>EN 303 347-1 V2.1.1</p> <p>Meteorological Radars; Harmonised Standard for access to radio spectrum; Part 1: Meteorological Radar Sensor operating in the frequency band 2 700 MHz to 2 900 MHz (S band)</p>
144.	<p>EN 303 347-2 V2.1.1</p> <p>Meteorological Radars; Harmonised Standard for access to radio spectrum; Part 2: Meteorological Radar Sensor operating in the frequency band 5 250 MHz to 5 850 MHz (C band)</p>
145.	<p>EN 303 347-3 V2.1.1</p> <p>Meteorological Radars; Harmonised Standard for access to radio spectrum; Part 3: Meteorological Radar Sensor operating in the frequency band 9 300 MHz to 9 500 MHz (X band)</p>
146.	<p>EN 303 348 V1.2.1</p> <p>Audio frequency induction loop drivers up to 45 amperes in the frequency range 10 Hz to 9 kHz; Harmonised Standard for access to radio spectrum</p>
147.	<p>EN 303 354 V1.1.1</p> <p>Amplifiers and active antennas for TV broadcast reception in domestic premises; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
148.	<p>EN 303 363-1 V1.1.1</p> <p>Air Traffic Control Surveillance Radar Sensors; Secondary Surveillance Radar (SSR); Harmonised Standard for access to radio spectrum; Part 1: SSR Interrogator</p>
149.	<p>EN 303 364-2 V1.1.1</p> <p>Primary Surveillance Radar (PSR); Harmonised Standard for access to radio spectrum; Part 2: Air Traffic Control (ATC) PSR sensors operating in the frequency band 2 700 MHz to 3 100 MHz (S band)</p> <p>Notice: As regards clauses 4.2.1.4 and 5.3.1.5 of this harmonised standard, compliance with this harmonised standard shall not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU to equipment not using WR284/WG10/R32 waveguides to transfer power between the transmitter and the antenna.</p>

▼ B

No	Reference of the standard
150.	<p>EN 303 364-3 V1.1.1</p> <p>Primary Surveillance Radar (PSR); Harmonised Standard for access to radio spectrum; Part 3: Air Traffic Control (ATC) PSR sensors operating in the frequency band 8 500 MHz to 10 000 MHz (X band)</p> <p>Notice: As regards clause 4.2.1.4 of this harmonised standard, compliance with this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU to equipment not combining a ‘WR112/R84 taper section and a WR90/R100 Waveguide’ as in note 1 of Section 1 of this harmonised standard. The waveguide is requested to have a continuously unobstructed transmission path (unperturbed/pure) and a minimum length of 20 times the waveguide cut-off wavelength in that operational mode.</p>
151.	<p>EN 303 372-1 V1.2.1</p> <p>Satellite Earth Stations and Systems (SES); Satellite broadcast reception equipment; Part 1: Outdoor unit receiving in the 10,7 GHz to 12,75 GHz frequency band; Harmonised Standard for access to radio spectrum</p> <p>Notice: Compliance with this harmonised standard shall not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU if the following sentence in clause 4.3.5 of this standard is applied: ‘This requirement does not apply in case the ODU is designed for a specific satellite network that makes use of both polarizations’.</p>
152.	<p>EN 303 372-2 V1.2.1</p> <p>Satellite Earth Stations and Systems (SES); Satellite broadcast reception equipment; Part 2: Indoor unit; Harmonised Standard for access to radio spectrum</p>
153.	<p>EN 303 402 V2.1.2</p> <p>Maritime mobile transmitters and receivers for use in the MF and HF bands; Harmonised Standard covering the essential requirements of Article 3(2) and Article 3(3)(g) of Directive 2014/53/EU</p>
154.	<p>EN 303 406 V1.1.1</p> <p>Short Range Devices (SRD); Social Alarms Equipment operating in the frequency range 25 MHz to 1 000 MHz; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
155.	<p>EN 303 413 V1.2.1</p> <p>Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands; Harmonised Standard for access to radio spectrum</p>
156.	<p>EN 303 520 V1.2.1</p> <p>Short Range Devices (SRD); Ultra Low Power (ULP) wireless medical capsule endoscopy devices operating in the band 430 MHz to 440 MHz; Harmonised Standard for access to radio spectrum</p>

▼B

No	Reference of the standard
	<p>Notice 1: Compliance with this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU if any of the following are applied:</p> <p>(a) with respect to clause B.1 of Annex B: ‘The manufacturer and test laboratory may agree on alternative suitable implementation of human torso simulator, which shall be then fully described in the test report’;</p> <p>(b) with respect to clause C.1 of Annex C: ‘Alternatively, the manufacturer and test laboratory may agree to use a Semi-Anechoic Room, the setup of which shall be then fully described in the test report’.</p> <p>Notice 2: The temperature referred to in clause B.2 of Annex B shall reflect the intended use.</p>
157.	<p>EN 303 609 V12.5.1</p> <p>Global System for Mobile communications (GSM); GSM Repeaters; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
158.	<p>EN 303 758 V1.1.1</p> <p>TETRA radio equipment using non-constant envelope modulation operating in a channel bandwidth of 25 kHz, 50 kHz, 100 kHz or 150 kHz; Harmonised Standard for access to radio spectrum</p>
159.	<p>EN 303 978 V2.1.2</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for Earth Stations on Mobile Platforms (ESOMP) transmitting towards satellites in geostationary orbit, operating in the 27,5 GHz to 30,0 GHz frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
160.	<p>EN 303 979 V2.1.2</p> <p>Satellite Earth Stations and Systems (SES); Harmonised Standard for Earth Stations on Mobile Platforms (ESOMP) transmitting towards satellites in non-geostationary orbit, operating in the 27,5 GHz to 29,1 GHz and 29,5 GHz to 30,0 GHz frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>
161.	<p>EN 303 980 V1.2.1</p> <p>Satellite Earth Stations and Systems (SES); Fixed and in-motion Earth Stations communicating with non-geostationary satellite systems (NEST) in the 11 GHz to 14 GHz frequency bands; Harmonised Standard for access to radio spectrum</p> <p>Notice: Compliance with this harmonised standard shall not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU if the second sentence in clause 6.1.1 of this standard is applied.</p>
161a.	<p>EN 303 980 V1.3.1</p> <p>Satellite Earth Stations and Systems (SES); Fixed and in-motion Earth Stations communicating with non-geostationary satellite systems (NEST) in the 11 GHz to 14 GHz frequency bands; Harmonised Standard for access to radio spectrum</p>

▼M1

▼B

No	Reference of the standard
162.	EN 303 981 V1.2.1 Satellite Earth Stations and Systems (SES); Fixed and in-motion Wide Band Earth Stations communicating with non-geostationary satellite systems (WBES) in the 11 GHz to 14 GHz frequency bands; Harmonised Standard for access to radio spectrum Notice: Compliance with this harmonised standard shall not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU if the second sentence in clause 6.1.1 of this standard is applied.

▼M1

162a.	EN 303 981 V1.3.1 Satellite Earth Stations and Systems (SES); Fixed and in-motion Wide Band Earth Stations communicating with non-geostationary satellite systems (WBES) in the 11 GHz to 14 GHz frequency bands; Harmonised Standard for access to radio spectrum
-------	---

▼B

163.	EN 305 550-2 V1.2.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 40 GHz to 246 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of Article 3(2) of the R&TTE Directive Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.
------	--



ANNEX II

No	Reference of the standard	From	To
1.	EN 301 908-14 V13.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)	29 March 2022	29 September 2023
2.	EN 301 908-15 V11.1.2 IMT cellular networks; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 15: Evolved Universal Terrestrial Radio Access (E-UTRA FDD) Repeaters	29 March 2022	29 September 2023
3.	EN 301 908-18 V13.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)	29 March 2022	29 September 2023



ANNEX III

No	Reference of the standard	Date of withdrawal
1.	EN 300 422-1 V2.1.2 Wireless Microphones; Audio PMSE up to 3 GHz; Part 1: Class A Receivers; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU	10 May 2024
2.	EN 300 422-2 V2.1.1 Wireless Microphones; Audio PMSE up to 3 GHz; Part 2: Class B Receivers; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU	10 May 2024
3.	EN 300 422-3 V2.1.1 Wireless Microphones; Audio PMSE up to 3 GHz; Part 3: Class C Receivers; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU	10 May 2024
4.	EN 301 025 V2.2.1 VHF radiotelephone equipment for general communications and associated equipment for Class 'D' Digital Selective Calling (DSC); Harmonised Standard covering the essential requirements of Article 3(2) and Article 3(3)(g) of Directive 2014/53/EU	10 May 2024
5.	EN 301 444 V2.1.2 Satellite Earth Stations and Systems (SES); Harmonised Standard for Land Mobile Earth Stations (LMES) providing voice and/or data communications, operating in the 1,5 GHz and 1,6 GHz frequency bands covering the essential requirements of Article 3(2) of Directive 2014/53/EU	29 September 2023
6.	EN 301 908-1 V13.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements	29 September 2023
7.	EN 301 908-10 V4.2.2 Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 10: Harmonised Standard for IMT-2000, FDMA/TDMA (DECT) covering the essential requirements of Article 3(2) of Directive 2014/53/EU	10 May 2024
8.	EN 301 908-13 V13.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE) Notice: This harmonised standard does not contain antenna performance parameters and compliance with this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU as regards those parameters	10 May 2024

▼B

No	Reference of the standard	Date of withdrawal
9.	<p>EN 302 066-2 V1.2.1</p> <p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Ground- and Wall- Probing Radar applications (GPR/WPR) imaging systems; Part 2: Harmonized EN covering essential requirements of Article 3(2) of the R&TTE Directive</p> <p>Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>	20 January 2023
10.	<p>EN 302 208 V3.1.1</p> <p>Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>	20 January 2023
11.	<p>EN 302 217-2 V3.2.2</p> <p>Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2: Digital systems operating in frequency bands from 1 GHz to 86 GHz; Harmonised Standard for access to radio spectrum</p> <p>Notice 1: Compliance with this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU if note 2 of clause 4.3.2 of this harmonised standard is applied;</p> <p>Notice 2: As regards the radio equipment covered by either clause H.3.4, I.3.4 or J.3.4 of this harmonised standard, compliance with this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU in case that the appropriate test methods are not carried out in order to demonstrate compliance, respectively, with either clause H.3.4, I.3.4 or J.3.4 of this harmonised standard.</p>	29 September 2023
12.	<p>EN 302 296-2 V1.2.1</p> <p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Transmitting equipment for the digital television broadcast service, Terrestrial (DVB-T); Part 2: Harmonized EN covering the essential requirements of Article 3(2) of the R&TTE Directive</p>	29 September 2023
13.	<p>EN 302 480 V2.1.2</p> <p>Mobile Communication On Board Aircraft (MCOBA) systems; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU</p>	29 September 2023
14.	<p>EN 302 567 V1.2.1</p> <p>Broadband Radio Access Networks (BRAN); 60 GHz Multiple-Gigabit WAS/RLAN Systems; Harmonized EN covering the essential requirements of Article 3(2) of the R&TTE Directive</p> <p>Notice: This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.</p>	29 September 2023



No	Reference of the standard	Date of withdrawal
15.	EN 302 609 V2.1.1 Short Range Devices (SRD); Radio equipment for Euroloop railway systems; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU	20 January 2023
16.	EN 303 204 V2.1.2 Network Based Short Range Devices (SRD); Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU	20 January 2023
17.	EN 303 276 V1.1.1 Maritime Broadband Radiolink operating within the bands 5 852 MHz to 5 872 MHz and/or 5 880 MHz to 5 900 MHz for ships and off-shore installations engaged in coordinated activities; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU	20 January 2023
18.	EN 303 345-2 V1.1.1 Broadcast Sound Receivers; Part 2: AM broadcast sound service; Harmonised Standard for access to radio spectrum Notice: Compliance with this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU as regards the receiver unwanted emissions in the spurious domain	10 May 2024
19.	EN 303 345-5 V1.1.1 Broadcast Sound Receivers; Part 5: DRM broadcast sound service; Harmonised Standard for access to radio spectrum Notice: Compliance with this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(2) of Directive 2014/53/EU as regards the receiver unwanted emissions in the spurious domain.	10 May 2024
20.	EN 303 413 V1.1.1 Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU	10 May 2024
21.	EN 303 372-1 V1.1.1 Satellite Earth Stations and Systems (SES); Satellite broadcast reception equipment; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 1: Outdoor unit receiving in the 10,7 GHz to 12,75 GHz frequency band	10 May 2024
22.	EN 303 372-2 V1.1.1 Satellite Earth Stations and Systems (SES); Satellite broadcast reception equipment; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU; Part 2: Indoor unit	10 May 2024